



Work Order (Bid Form)

WORK ORDER INFORMATION

Work Order Name: WO/10010MC2648/1

Work Order Type: Weatherization

Audit Name: Audit 2648

CLIENT INFORMATION

Client Name: N/A

Address: N/A

Client ID: 10010MC2648

Franklin, TN 37064

Alt. Client ID: Williamson

CLIENT CONTACT INFORMATION

N/A

Applicant/Person of
Record

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AGENCY INFORMATION

Agency: Mid-Cumberland Community Action Agency

Agency Phone: (615) 742-1113

Address: (PO Box 310) 233 Legends Drive
Lebanon, TN 37088

Fax: (615) 742-3911

Email Address:

Agency Contact: Batey, John

Work Phone: (615) 767-8667

Cell Phone:

Email Address: jmbatey@bellsouth.net

Company Name & License Number: _____

Contractor's Signature: _____

COMMENT

This is a one story, site built home const in 1975 and has 1352 sq feet of conditioned living space. Pre 1978 const, Lead safe RRP provider required although no measure will be created reflecting this, as there is no work that appears to require protective requirements.

All measures to be done as per TWFG and all local codes.

Costs for this job will be in part funded by Atmos Energy as by agreement between Atmos Energy and MCCA.

Audit by John Batey

Measures

Measure 1 Level out attic insulation

Components

Inspected

Comment Attic insulation is blown fiberglass. This attic insulation is VERY un-even depth. Some small areas may have almost none with insulation piled up to almost 2 deep right next to the area that needs the added depth. Auditor estimates that when this insulation is leveled out, the average depth of the existing insulation will be approx 12". Auditor is un-sure why this insulation has been left in this condition but suspects it was from when CATV wiring was added to the home years ago.

Measure is to use a broom, or simular tool, to level out this blown fiberglass to a uniform depth. Auditor estimates that this measure will take between 30 and 45 minutes to complete.

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
10	Labor	Attic insulation leveling	Each	1					
Other Detail									
Measure Sub Total:							Sub Total:		

Field Notes:

Measure 2 Weatherize pull down stairs.**Components****Inspected**

Comment Weatherize pull down stairs by adding weatherstripping as needed. Measure is to include installation of a pop-up insulation tent in attic area over stairway.

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#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
10	Unspecified	Weatherize pull-down	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
20	Labor	Weatherize pull-down - Labor	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Other Detail

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Measure Sub Total:**Sub Total:****Field Notes:****Measure 3 Infiltration Redctn****Components****Inspected**

Comment Pre-audit testing is 2511 CFM @50pa. Target is 2008 CFM @50pa. Contractor must meet target to pass measure. Please see measure regarding duct system as it will impact air sealing requirements for this home. Auditor did not note any specific large air leakage areas, other than duct sealing, to reduce the CFM requirements for the clients home. To further reduce the overall CFM number, auditor recommends general air sealing such as, plumbing pipe penetrations, door and window sealing, etc.

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#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
10	Miscellaneous Su	Infiltration Reduction	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Other Detail

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Measure Sub Total:**Sub Total:****Field Notes:**

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Measure 4 Lighting Retrofits**Components** Light 1,Light 2**Inspected**

Comment The 4 bulbs to be changed are in the den ceiling fan and are of a small base design. The hall recess light is the other single bulb and it is a standard base design.

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#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Lighting	Compact Fl. - 13 Watt	Each Lamp	4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	Compact Fl. - 13 Watt	Each Lamp	4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
3	Lighting	Compact Fl. - 13 Watt	Each Lamp	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
4	Labor	Compact Fl. - 13 Watt	Each Lamp	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Other Detail

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Measure Sub Total:**Sub Total:****Field Notes:****Measure 5 DWH Pipe Insulation****Components****Inspected****Comment**☐

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Insulation	DHW Pipe Insulation	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	DHW Pipe Insulation	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Other Detail

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Measure Sub Total:**Sub Total:****Field Notes:**

Measure 6 DWH Tank Insulation				Components				Inspected	
Comment									
				Estimated		Actual			
#	Material / Labor	Description / Comment	Units	Qty	Unit Cost	Total	Qty	Unit Cost	Total
1	Hot Water Equip	DHW Tank Insulation	Each	1					
2	Labor	DHW Tank Insulation	Each	1					
Other Detail									
Measure Sub Total:							Sub Total:		
Field Notes:									

Measure 7 CO Monitor is Needed				Components				Inspected	
Comment									
				Estimated		Actual			
#	Material / Labor	Description / Comment	Units	Qty	Unit Cost	Total	Qty	Unit Cost	Total
1	Health and Safety	CO monitor	Each	1					
2	Labor	Labor	Each	1					
Other Detail									
Measure Sub Total:							Sub Total:		
Field Notes:									

Measure 8 Duct replacement/repair**Components****Inspected**☐

Comment Duct system for clients home is of a round metal pipe design covered by a thin deteriorated layer of duct insulation. Duct system is poorly sealed with pressure pan readings ranging from 17pa to 3.2pa. Measure is to repair or replace the clients supply and return duct system to as-new condition. If contractor prefers as an option to replacement, existing duct work may be stripped of deteriorated insulation, joints resealed with mastic and ducts reinsulated with new R-6 duct insulation. Measure is to include resucuring all duct boots to subfloor, mastic sealing of duct boots. To pass measure, Duct system must be fully insulated to R-6 with new duct insulation or new duct work, and pressure pan reading at time of post audit must be as follows; All floor boots must test at or below 1pa with no more than 3 boots above 1pa and none above 3pa.

The crawlspace height is approx 2.5' to 2'.

The completion of this measure should totally or partially achieve the infiltration measure for this work order.

By agreement between MCCA and Atmos Energy, MCCA is to reimbursed for the cost for this measure by Atmos Energy.

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
10	Insulation	Duct repair/replacement	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
20	Labor	Duct repair/replacement-Labor	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Other Detail

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Measure Sub Total:**Sub Total:****Field Notes:**

Measure 9 Fix Improper Venting of Bathroom Exhaust Fan**Components****Inspected****Comment** Hall bathfan is operational but vents into attic. Correct venting to exterior as per TWFG standards.☐

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
10	Unspecified	Correct bathroom fan venting	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
20	Labor	Correct bathroom fan venting-Labor	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Other Detail

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Measure Sub Total: **Sub Total:** **Field Notes:****Measure 10 Smoke Detector is Needed****Components****Inspected****Comment**☐

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Health and Safety	Smoke detector	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	Labor	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Other Detail

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Measure Sub Total: **Sub Total:** **Field Notes:****Work Order Grand Total:** **Grand Total:**

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